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## UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Greg Monty et al.

Serial No.: 10/651,220

Filed: August 28, 2003

Art Unit: 2811

Examiner: To Be Assigned

Title: FORMATION OF METAL NANOWIRES FOR USE AS  
VARIABLE-RANGE HYDROGEN SENSORS**INFORMATION DISCLOSURE STATEMENT**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

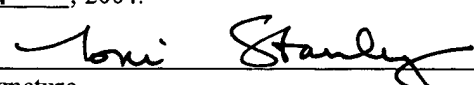
Dear Sir:

This Information Disclosure Statement is being submitted in connection with the above-identified application for patent. Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

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**CERTIFICATION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on January 19, 2004.

  
SignatureToni Stanley  
(Printed name of person certifying)

While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 C.F.R. § 1.98(a)(1).

A copy of each of the items identified on the attached Form PTO-1449 is supplied herewith, except for the pending patent applications, for which no copies are being submitted.

Respectfully submitted,

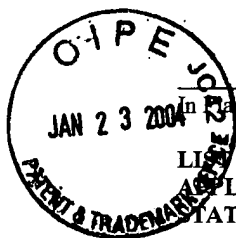
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In Place of FORM PTO-1449 (Modified)

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANTS' INFORMATION DISCLOSURE  
STATEMENT**

Serial No.: 10/651,220

Applicants: Greg Monty et al.

Filing Date: August 28, 2003

Group: 2811

Atty. Docket No.: 12179-P117US

Reference Designation

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
____AAA						
____ABA						
____ACA						
____ADA						
____AEA						
____AFA						
____AGA						
____AHA						
____AIA						
____AJA						
____AKA						
____ALA						
____AMA						
____ANA						
____AOA						
____APA						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
____AQA						
____ARA						
____ASA						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner Initial

- \_\_\_\_ATA Frederic Favier et al., "Hydrogen Sensors and Switches from Electrodeposited Palladium Mesowire Arrays," *Science*, Vol. 293, 21 September 2001, pp. 2227-2231.
- \_\_\_\_AUA J. N. Keuler et al., "Characterization of Electroless Plated Palladium-Silver Alloy Membranes," *Thin Solid Films*, 1999, pp. 91-98.
- \_\_\_\_AVA V. Jayaraman et al., "Synthesis and Hydrogen Permeation Properties of Ultrathin Palladium-Silver Alloy Membranes," *Journal of Membrane Science*, 1995, pp. 251-262.
- \_\_\_\_AWA F.A. Lewis, "A Comparison of the Properties of Palladium with Those of Other Transition Elements," *The University of Texas Library, Academic Press* 1967, pp. 1-31, 48, 50, -51, 56-57, 70-71, 74-79, 82-83, 86-87, 90-93, 112-113, 140-141, 144-142, and 160.

Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.